



DEPARTMENT OF THE ARMY  
HEADQUARTERS UNITED STATES ARMY AVIATION WARFIGHTING CENTER AND FORT RUCKER  
453 NOVOSEL STREET  
FORT RUCKER ALABAMA 36362-5105

REPLY TO  
ATTENTION OF

APR 25 2006

ATZQ-CD

MEMORANDUM THRU PEO Soldier (SFAE-SDR), 5901 Putnam Road, Fort Belvoir, VA  
22060-5422

FOR PM Clothing and Individual Equipment (SFAE-SDR-CIE), 10170 Beach Road, Fort  
Belvoir, VA 22060-5862

SUBJECT: Non-Leather Flight Boot for Aviation Uniforms

1. Reference AR 670-1, AR 95-1, ALARACT MSG DTG 2022002 Apr 05, Army Combat Uniform (ACU) Ensemble, NFPA 1971, Standard on Protective Ensemble for Structural Fire Fighting, 2000 Edition, 2006 February Flightfax.
2. The purpose of this memorandum is to establish the wear of the Army Combat Boot (Temperate Weather (ACB TW)) and the Belleville Model 340DES Hot Weather Flight Boot, non-leather boots as the standard issue footgear for all aircrew uniforms. The tan-colored (ACB(TW)) (NSN Series 8430-01-516-1506) and the tan-colored Belleville Model 340 Hot Weather Flight Boot exceed the performance of the all leather boot in testing IAW NFPA 1971, Standard on Protective Ensemble for Structural Fire Fighting, 2000 Edition.
3. The Army Combat Boot (Temperate Weather) was tested IAW NFPA standard 1971 and met or exceeded the following criteria:
  - a. Sole-System Heat Resistance section 6-8
  - b. Boot Upper Heat Resistance section 6-7
  - c. Flame Resistance sections 5-4.5 and 6-5
  - d. Liquid Penetration Resistance section 6-28

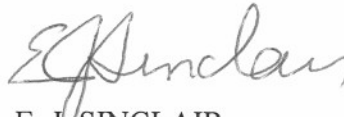
The ACB (TW) exceeded the performance of the previous issue leather boot in these tests.

4. The Belleville Model 340DES Hot Weather Flight Boot was tested IAW NFPA standard 1971 and met or exceeded the following criteria:
  - a. Sole-System Heat Resistance section 6-8
  - b. Boot Upper Heat Resistance section 6-7

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- c. Flame Resistance sections 5-4.5 and 6-5
  - d. Liquid Fuel splash protection
5. The Hot Weather Flight Boot exceeded the performance of the previous issue leather boot in these tests and is a highly breathable combat boot for use in hot weather environments.
6. Recommend both boots be type classified and added to the CTA 50-900 with the Basis of Issue Plan (BOIP) of one pair of ACB(TW) and one pair hot weather boots be issued to all crew members as part of the retained issue.
7. Point of contact is COL Richard C. Stockhausen, Director of Combat Developments COMM: (334) 255-3203, DSN 558-3203, or Email: richard.stockhausen@rucker.army.mil.



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Commanding